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SEALING DEVICE

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ABSTRACT

PROBLEM TO BE SOLVED: To provide a sealing device 1 capable of meeting requirements for longer life and lower sliding torque of a seal lip portion 12 while exercising superior sealing function to a powder.

SOLUTION: The sealing device 1 comprises a ring base portion 11 formed of a elastomer and closely fitted to a housing 3 and the seal lip portion 12 extending in a disc form from the inner periphery of the base portion 11 to the radial direction, having a recessed portion 12a extending to the peripheral direction formed on a root portion 12b. A portion near the end of the seal lip portion 12 is formed into a cylindrical face and put slidably in close contact with the outer periphery at a rotation side 2 by the insertion of a rotational shaft 2 to seal the powder in a sealing space S.

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